Dargent, R., Jane-Marie Touzé-Soulet, J. Rami, and **Ch. Montant:** Hyphal Growth of *Hypomyces chlorinus* Tul.: An Autoradiographic Study 221

Exley, R. R., s. **Butterfield, B. G.** 69

Floyd, G. L., s. **Salisbury, J. L.** 1

Franceschi, V. R., and **W. J. Lucas:** The Charasome Periplasmic Space 269

Franceschi, V. R., s. **Lucas, W. J.** 255

Francis, D.: Effects of Red and Far-Red Light on Cell Division in the Shoot Apex of *Silene coeli-rosa* L. 285

Goff, Lynda J., and **Janet R. Stein:** Digestion in the Peritrich Ciliate *Ophrydium versatile* 235

Grant, B. R., s. **Menzel, D.** 47

Gull, K., s. **Hobot, J. A.** 339

Hall, R., s. **Salisbury, J. L.** 1

Heslop-Harrison, J., s. **Heslop-Harrison, Y.** 171

Heslop-Harrison, J., s. **Shivanna, K. R.** 319

Heslop-Harrison, Y., J. Heslop-Harrison, and **K. R. Shivanna:** Heterostyly in *Primula*. 1. Fine-Structural and Cytochemical Features of the Stigma and Style in *Primula vulgaris* Huds. 171

Heslop-Harrison, Y., s. **Shivanna, K. R.** 319

Hobot, J. A., and **K. Gull:** Changes in the Organisation of Surface Rodlets During Germination of *Syncephalastrum racemosum* Sporangiospores 339

Hoffmann, H.-U., s. **Wolf, K. V.** 345

Huebner, E., s. **Injeyan, H. S.** 209

Injeyan, H. S., and **E. Huebner:** Motility Comparisons of Two Shape-Distinctive *Entamoeba* Variants 209

Jensen, L. C. W.: Division, Growth, and Branch Formation in Protonema of the Moss *Physcomitrium turbinatum:* Studies of Sequential Cytological Changes in Living Cells 301

Jensen, W. A., s. **Schulz, Patricia** 27

Jonsson, L. M. V., s. **Colijn, C. M.** 63

Kool, J., s. **Colijn, C. M.** 63

Lal, Manohar, and **Eklavya Chauhan:** Transfer Cells in the Sporophyte–Gametophyte Junction of *Physcomitrium cyathicarpum* Mitt. 79

Lichtenthaler, H. K., s. **Meier, D.** 195

Lucas, W. J., and **V. R. Franceschi:** Characean Charasome-Complex and Plasmalemma Vesicle Development 255

Lucas, W. J., s. **Franceschi, V. R.** 269

Maihle, Nita J., s. **Salisbury, J. L.** 1

Meier, D., and **H. K. Lichtenthaler:** Ultrastructural Development of Chloroplasts in Radish Seedlings Grown at High- and Low-Light Conditions and in the Presence of the Herbicide Bentazon 195

Menzel, D., and **B. R. Grant:** Fine Structure Study on the Development of Trabeculae in the Siphonous Green Alga *Caulerpa simpliciuscula* C. Ag. . . . 47

Meylan, B. A., s. **Butterfield, B. G.** 69

Montant, Ch., s. **Dargent, R.** 221

Moreno, M. L., s. **Torre, C. de la** 189

Nilsson, D.-E., s. **Andersson, A.** 361

Opas, M.: Effects of Induction of Endocytosis on Adhesiveness of *Amoeba proteus* 161

Palevitz, B. A.: Microtubules and Possible Microtubule Nucleation Centers in the Cortex of Stomatal Cells as Visualized by High Voltage Electron Microscopy . 115

Rami, J., s. **Dargent, R.** 221

Rashid, A., **A. W. Siddiqui**, and **J. Reinert:** Ultrastructure of Embryogenic Pollen of *Nicotiana tabacum* var. Badischer Burley 375

Reinert, J., s. **Rashid, A.** 375

Ruiz, M. L., and **A. M. Vázquez:** Cell Population Evolution in Tissue Cultures from Embryo Barley (*Hordeum vulgare* L.) After Caffeine Treatment 13

Russell, S. D., and **D. D. Cass:** Ultrastructure of the Sperms of *Plumbago zeylanica*. 1. Cytology and Association with the Vegetative Nucleus 85

Salisbury, J. L., **J. A. Swanson**, **G. L. Floyd**, **R. Hall**, and **Nita J. Maihle:** Ultrastructure of the Flagellar Apparatus of the Green Alga *Tetraselmis subcordiformis*. With Special Consideration Given to the Function of the Rhizoplast and Rhizanchora 1

Sano, M., and **K. Ueda:** Cell Development of a Green Alga, *Pleurotaenium nodosum*, Which Was Tied by a Fiber 149

Schram, A. W., s. **Colijn, C. M.** 63

Schulz, Patricia, and **W. A. Jensen:** Pre-Fertilization Ovule Development in *Capsella*: Ultrastructure and Ultracytochemical Localization of Acid Phosphatase in the Meiocyte 27

Shivanna, K. R., **J. Heslop-Harrison**, and **Y. Heslop-Harrison:** Heterostyly in *Primula*. 2. Sites of Pollen Inhibition, and Effects of Pistil Constituents on Compatible and Incompatible Pollen-Tube Growth 319

Shivanna, K. R., s. **Heslop-Harrison, Y.** 171

Siddiqui, A. W., s. **Rashid, A.** 375

Stein, Janet R., s. **Goff, Lynda J.** 235

Stockem, W., s. **Wolf, K. V.** 345

Swanson, J. A., s. **Salisbury, J. L.** 1

De la Torre, C., and **M. L. Moreno:** Recording Mitotic Chromosome Cycle Induction in Living Plant Cells 189

Touzé-Soulet, Jane-Marie, s. **Dargent, R.** 221

Ueda, K., s. **Sano, M.** 149

Vázquez, A. M., s. **Ruiz, M. L.** 13

Wolf, K. V., H.-U. Hoffmann, and **W. Stockem:** Studies on Microplasmodia of *Physarum polycephalum:* II. Fine Structure and Function of the Mucous Layer 345

Zee, S.-Y.: Studies on Adventive Embryo Formation in the Petiole Explants of Coriander (*Coriandrum sativum*) 21

Brief Report

Hoffmann, F.: Formation of Cytoplasts from Giant Protoplasts in Culture 387

Listed in Current Contents